

**California Regional Water Quality Control Board
North Coast Region**

STANDARD DAIRY / FEEDLOT SURVEY FORM

Directions: Please print or type answers to all questions. If the question does not apply to your operation, use "N/A". If an answer to a question is unknown, please write "unknown". Please attach any supporting calculations, figures, or discussions on regular 8-1/2 x 11-inch paper. Please sign this survey form.

I HEREBY CERTIFY THAT THE INFORMATION HEREIN AND IN ANY ATTACHMENTS IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND UNDERSTANDING OF THE QUESTIONS.

SIGNATURE: _____

PRINT YOUR NAME: _____ **DATE:** _____

1. Facility Name (doing business as): _____

2. Facility Address: _____

3. Mailing Address: _____

4. Phone Number: _____

5. Facility Operator: _____

6. Facility Owner: _____

7. When did the facility begin operation? _____

8. What is the predominant soil texture at your facility? _____

9. What is the depth to seasonal high groundwater? _____

10. Does your facility have retention ponds?

Yes _____ Go to 11

No _____ Go to 16

11. For each retention pond, please complete the following table.

Retention Pond I.D.	Age of Retention Pond	Maximum Volume (gallons, cubic-feet, acre-feet) & Surface Area <u>Or Give</u> Dimensions (length, width, depth, & side slope = rise/run)

12. Does each wastewater or storage pond meet the “Retention Pond Design” requirements? (Retention ponds shall be lined with, or underlain by, soils which contain at least 10 percent clay and not more than 10 percent gravel or artificial materials of equivalent impermeability.)

Please circle. Yes No

What documentation, if any, is available to indicate the percent of clay content for your retention pond(s)? **Please submit copies of documentation if available.**

13. How many days, on average, is liquid manure contained in the retention pond(s) during the winter storage period? _____

14. How large are the areas (paved & unpaved) including roofed areas that drain into the retention pond(s) at your facility?

_____ Acres / Square-Feet (please circle)

15. How often is manure sludge removed from the retention pond(s)? What method of removal is used?

16. How often are corrals cleaned throughout the year? (winter, spring, fall, summer)

17. Are manured areas (corrals) adequately sloped to prevent ponding of water during rains?

Please circle. Yes No

18. Is solid manure stockpiled at the facility?

Please circle. Yes No

If yes, please describe how and where it is stored. (e.g., on a concrete slab that is covered)

19. Are you able to divert the storm-generated runoff away from all manured areas and silage or feed storage areas or retain the runoff passing over them?

Please circle. Yes No

If it is not possible to divert or retain the tributary area runoff, explain below why it is not possible.

20. Is your facility designed and constructed to retain all facility wastewater generated, together with all precipitation on, and drainage through, manured areas during a 25-year, 24-hour storm?

Please circle one. Yes No Unknown

21. Is there perennial or seasonal flow in a creek, stream, river or other open water conveyance located on your facility or adjacent to your facility?

Please circle. Yes No

If you answered "yes", explain the measures in use to prevent your cattle or other animals from entering the creek, stream, river, or other open water conveyance.

22. Was your facility in operation before November 27, 1984?

Yes _____ Go to 23a

No _____ Go to 23b

23a. If your facility was in operation on or before November 27, 1984, retention ponds and manured areas must be protected from inundation or washout by overflow from any stream channel during 20-year peak stream flows.

Are yours? Please circle. Yes No Unknown

23b. If your facility began operation after November 27, 1984, retention ponds and manured areas must be protected from inundation or washout by overflow from any stream channel during 100-year peak stream flows.

Are yours? Please circle. Yes No Unknown

23c. **If you answered “yes” in either 23a or 23b, please provide documentation if available.**

24. Principal Breed of Herd (Holstein, Jersey, etc.): _____

25. In the table below, enter the number of cattle currently at the facility for each type of corral system (free stalls with a total flush system, feed alley flush, dry lot corrals, and scraped free stalls).

	Total	Free Stalls w/Total Flush	Feed Alley Flush	Scraped Dry Lot	Scraped Freestalls
Milking Cows					
Dry Cows/Bred Heifers					
Heifers, 1 year to breeding					
Calves, 3 months to 1 year					
Calves, under 3 months					
Bulls					

26. If any of the animals listed in No. 25 are moved to other locations, such as pastures during part of the year, please complete the table below to identify the location, percentage of animals moved, and the percentage of time the animals spend at their locations.

	Location	Estimated % of Animals	% Time Moved
Milking Cows			
Dry-Cows/Bred Heifers			
Heifers, 1 year to breeding			
Calves, 3 months to 1 year			
Calves, under 3 months			
Bulls			

27. Indicate below the average milk barn wash water production, in gallons-per-milk-cow-per-day.

_____ Gallons/cow/day

28. If the facility uses a flushed feed alley system or a flushed free stall system, indicate below the volume of water used to flush the corral in gallons and the frequency of corral flushes, such as daily or weekly.

_____ Gallons

_____ Frequency

Is the milk barn wash water recycled to flush the corrals?

Please circle. Yes No

If the milk barn wash water is recycled, estimate the percentage of flush water used, which is fresh water, and the percentage that is recycled wash water. (Should add up to 100 percent.)

_____ % Fresh

_____ % Recycled

29. Please complete the following table to indicate where the solid and liquid manure/wastewater are applied and what type of crop is grown, if any. If no crops are grown on all or part of the application area, write “none” or “pasture” under “Crop” and “Avg. Yield”, but complete the remainder of the table as indicated. If the average yield is not known, write “unknown” under “Avg. Yield”. Each application area is denoted by a letter (in the facility plan), A, B, C, etc. If the application area is double or triple cropped, please fill in the table accordingly. Also, indicate whether the field is owned or leased.

Is the field owned or leased?	Crop	Acres	Avg. Yield (ton/ac)	Dry Manure Applied (ton/ac) or (cu yards/ac)	Liquid Manure Wastewater & Applied (Yes or No) (ac-in if known)	Commercial Fertilizer Applied (Yes or No) Type & (units/ac)
A. 1 st Crop						
2 nd Crop						
3 rd Crop						
B. 1 st Crop						
2 nd Crop						
3 rd Crop						
C. 1 st Crop						
2 nd Crop						
3 rd Crop						

30. If manure is transferred offsite, how much (tons/year)? _____

31. What type of manure handling is used (check all that apply)?

- | | |
|---|--|
| <input type="checkbox"/> Direct spreading in solid form | <input type="checkbox"/> Single or multi-cell retention pond |
| <input type="checkbox"/> Contractor disposal | <input type="checkbox"/> Aerated retention pond |
| <input type="checkbox"/> Hauled off farm | <input type="checkbox"/> Land application of liquid manure |
| <input type="checkbox"/> If hauled off, is there a contract _____ | <input type="checkbox"/> Sprinkler irrigation |
| <input type="checkbox"/> Other | <input type="checkbox"/> Flood irrigation |

32. At what frequency is solid and or liquid manure/wastewater applied to croplands/pastures?

33. Does your facility have an emergency manure management plan in place for wastewater accidents?

Please circle. Yes No

34. Are there plans to expand the facility?

Please circle. Yes No

How many animals are expected in the expansion? _____

When is the expansion estimated? _____

35. Are there current facilities under construction?

Please circle. Yes No

If yes, please describe: _____

36. Are there plans for future facilities construction?

Please circle. Yes No

If yes, please describe: _____

37. In general, what is a good time to schedule visits to your facility?

Day of the week? _____

Time of day? _____

38. If appropriate, please provide any additional information that should be known to the Regional Water Board in evaluating your facility. This information should address any unique features of the facility, either in terms of its operation or its location.
